

APPENDIX – A DESIGN SUBMITTAL REQUIREMENTS**FY16 U.S. Diplomatic Mission Compounds****Passenger Platform Lift****Valletta, Malta****DESIGN SUBMITTAL REQUIREMENTS****C.A.1 General**

The following describes the specifications, reports, calculations, presentation materials as well as other documents and drawings required for submittals for the OBO facilities. Refer to OBO Design Standards for documentation format requirements.

C.A.2 Reports and Calculations

The following submittal requirements supplement the Drawing and Specification requirements itemized in OBO Design Standards for submittals.

- All pages report(s) shall be identified by the project name, number, and date.
- Each set of calculations shall have a table of contents. Sections and sequential page numbers shall identify all calculation pages.
- Calculations shall be initialed by designer and checking engineer.
- Final calculations shall be signed and sealed by the engineer of record.
- Applicable product cut-sheets and design charts should be included in reports.

C.A.2.1 Permit Report

Permits: Verify all historical approvals and building permits required for the project, and documentation that must be submitted with each permit. Highlight any variances with information provided (for verification) in the contract and propose any required action.

C.A.2.2 Electrical Report.

Equipment Sizing: Submit calculations to justify sizing of the platform lift equipment such as , main circuit breakers, and power factor correction equipment. Calculate loads individually for sizing transformers, voltage regulators, power factor correction equipment, etc

C.A.2.3 Structural Calculations

Submit structural calculations for design of new foundation pad for lift per manufacturer's load requirements. Coordinate pad installation requirements with existing wall foundations. Provide soil compaction and preparation notes for any subgrade requirements. Verify that seismic detailing is provided per the manufacturer or building code requirements as necessary. Verify that the existing construction of the second floor loggia structure can accommodate a new penetration for the lift and specify demolition notes as necessary.

C.A.3 Specifications

Specifications shall be developed according to format and process identified OBO Design Standards.

C.A.4 Product Literature

The submittal of product literature for major building systems during the design allows confirmation of the integration of various systems. These submittals shall require resubmission during the construction documents phase where information was previously missing or has been updated.

C.A.5 Drawing Submittal Requirements:

C.A.5.1 GENERAL

The following drawing submittal is required.. The list indicates minimum items / information required the designer has the responsibility to provide a complete set of document to define the project and obtain the required permits. to be provided by the designer at the design stage indicated.

GENERAL REQUIREMENTS FOR BUILDING

- The following indicates typical scale requirements for drawings:
 - Floor plans: 1:100 scale
 - Reflected ceiling plans: 1:100 scale
 - Building elevations: 1:100 scale
 - Building sections: 1:100 scale
 - Enlarged plans and RCPs; 1:50 scale or larger
 - Typical interior elevation at 1:25

C.A.5.2 Architectural

CMR A1X1 FLOOR PLAN

- Submit floor plans at 1:50 scale
 - Equipment: Show contractor-furnished equipment. Indicate height above finished floor for wall-mounted equipment.
 - Show locations of doors, windows, and louvers.
 - Show partitions, with partition types.
- Show Contractor-furnished specialties, equipment etc.
- Show the overall reflected ceiling plan for each complete floor plan shown at 1:50 scale.
- Show coordination of light fixtures, mechanical devices, sprinklers, fire protection devices, etc.

CMR BUILDING SECTIONS

- Show buildings sections at 1:50 scale and indicate materials and general vertical relationships. Cut sections at appropriate locations to show important or distinct portions of the building..

CMR WALL SECTIONS

- Show typical wall sections at platform lift
- Show at 1:25 scale floor plan.

C.A.5.3. Vertical Transportation**CMR GENERAL ELEVATOR/PLATFORM LIFT INFORMATION**

- Show sizes, space conditions of Hoistway

C.A.5.4 Electrical

- Show power distribution for areas as required to support demolition/construction
- Chases and Penetrations: Verify locations for major horizontal and vertical chases and structural penetrations, and relationship with other discipline requirements.

ENLARGED ELECTRICAL PLANS

Provide scaled floor layout at 1:50 scale.

END OF APPENDIX A